

FORM PTO-1390 (Modified)
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

357

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR
To be assigned 09/700602INTERNATIONAL APPLICATION NO.
PCT/JP99/02698INTERNATIONAL FILING DATE
May 24, 1999PRIORITY DATE CLAIMED
May 22, 1998

TITLE OF INVENTION

**Chromatographic Packing Having Novel Characteristics and Method for Separating Substances
by Using the Same**

APPLICANT(S) FOR DO/EO/US

Teruo Oakno, et al.

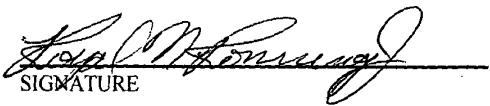
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. A copy of the International Search Report (PCT/ISA/210).
8. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
9. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 20 below concern document(s) or information included:

13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. A **FIRST** preliminary amendment.
16. A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. A substitute specification.
18. A change of power of attorney and/or address letter.
19. Certificate of Mailing by Express Mail
20. Other items or information:

Return Postcard**A copy of the International Application as published by the International Bureau****Duplicate copy of this transmittal for charging purposes**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR To be assigned	INTERNATIONAL APPLICATION NO. PCT/JP99/02698	ATTORNEY'S DOCKET NUMBER PK9857																																														
<p>21. The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO \$970.00 </td> <td style="width: 30%;"></td> </tr> <tr> <td> <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$840.00 </td> <td></td> </tr> <tr> <td> <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$690.00 </td> <td></td> </tr> <tr> <td> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$670.00 </td> <td></td> </tr> <tr> <td> <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$96.00 </td> <td></td> </tr> </table> <p style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p> <p style="text-align: right;">\$860.00</p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"> <input type="checkbox"/> 20 <input type="checkbox"/> 30 </td> <td style="width: 30%;"></td> </tr> <tr> <td></td> <td style="text-align: right;">\$0.00</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>14 - 20 =</td> <td>0</td> <td>x \$18.00 \$0.00</td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td>0</td> <td>x \$78.00 \$0.00</td> </tr> <tr> <td colspan="2">Multiple Dependent Claims (check if applicable).</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL OF ABOVE CALCULATIONS</td> <td>=</td> <td style="text-align: right;">\$860.00</td> </tr> </tbody> </table> <p><input type="checkbox"/> Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/> \$0.00</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"> <input type="checkbox"/> Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). </td> <td style="width: 30%;"> <input type="checkbox"/> 20 <input type="checkbox"/> 30 + \$0.00 </td> </tr> <tr> <td></td> <td style="text-align: right;"></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; text-align: center;">TOTAL NATIONAL FEE</td> <td style="width: 30%; text-align: right;">\$860.00</td> </tr> </table> <p><input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/> \$0.00</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; text-align: center;">TOTAL FEES ENCLOSED</td> <td style="width: 30%; text-align: right;">\$860.00</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="width: 30%; text-align: right;">Amount to be: refunded \$</td> </tr> <tr> <td></td> <td style="text-align: right;">charged \$</td> </tr> </table> <p><input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p><input checked="" type="checkbox"/> Please charge my Deposit Account No. 500-588 in the amount of \$860.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 500-588 A duplicate copy of this sheet is enclosed.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Royal N. Ronning, Jr. Amersham Pharmacia Biotech, Inc. 800 Centennial Avenue Piscataway, New Jersey 08855 </div> <p>(732) 457-8423</p> <div style="text-align: right; margin-bottom: 10px;">  SIGNATURE </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Royal N. Ronning, Jr. NAME 32,529 REGISTRATION NUMBER November 15, 2000 DATE </div> </div>			<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO \$970.00		<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$840.00		<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$690.00		<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$670.00		<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$96.00		<input type="checkbox"/> 20 <input type="checkbox"/> 30			\$0.00	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	14 - 20 =	0	x \$18.00 \$0.00	Independent claims	3 - 3 =	0	x \$78.00 \$0.00	Multiple Dependent Claims (check if applicable).			\$0.00	TOTAL OF ABOVE CALCULATIONS		=	\$860.00	<input type="checkbox"/> Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).	<input type="checkbox"/> 20 <input type="checkbox"/> 30 + \$0.00			TOTAL NATIONAL FEE	\$860.00	TOTAL FEES ENCLOSED	\$860.00		Amount to be: refunded \$		charged \$
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO \$970.00																																																
<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$840.00																																																
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$690.00																																																
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$670.00																																																
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$96.00																																																
<input type="checkbox"/> 20 <input type="checkbox"/> 30																																																
	\$0.00																																															
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																													
Total claims	14 - 20 =	0	x \$18.00 \$0.00																																													
Independent claims	3 - 3 =	0	x \$78.00 \$0.00																																													
Multiple Dependent Claims (check if applicable).			\$0.00																																													
TOTAL OF ABOVE CALCULATIONS		=	\$860.00																																													
<input type="checkbox"/> Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).	<input type="checkbox"/> 20 <input type="checkbox"/> 30 + \$0.00																																															
TOTAL NATIONAL FEE	\$860.00																																															
TOTAL FEES ENCLOSED	\$860.00																																															
	Amount to be: refunded \$																																															
	charged \$																																															

09/700602
5200 PCT/PTC 15 NOV 2000

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Okano, et al.

Docket No.

PK-9857

Serial No.
To be assigned

Filing Date
15 November 2000

Examiner
To be assigned

Group Art Unit
To be assigned

Invention: Chromatographic Packing Having Novel Characteristics and Method for Separating Substances by Using the Same

I hereby certify that the following correspondence:

Transmittal letter with copy, copy of the International Application as Published, translated English copy of the International Application, and a return postcard

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

November 15, 2000

(Date)

Melissa Leck

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

EL493404071US

("Express Mail" Mailing Label Number)